

# Complete and certify your data to enhance your business strategy

Meter Data Management, a flexible and secure platform for validation, estimation, edition (VEE) and management of data with advanced functions for analysis and forecasting.

## 1. Data Acquisition

Obtain your data from multiple sources through different system interfaces.

## 2. Data Management

Certify your data quality and completeness to guarantee reliable services.

## 3. Data Exportation

Provide your data to third-party systems for commercial and fraud detection purposes.



## Functionalities

### Certification

MDM chooses among all available measures from different data sources in order to certify which is the best value available. Discerns whether it is valid or not, by means of different user-defined business rules that certify measure quality.

### Completeness

MDM ensures the availability of gap-free load profiles, through different gap estimation methods, calculation procedures and forecasting processes, so inferring future business needs to be covered.

### VEE

MDM provides a robust VEE engine based on source and optimal validations, different calculation, estimation and edition methods and Best Time Value calculation measures.

### Assets Tracking

MDM allows Utilities to group different points geographically, by interest groups, companies, etc. in order to automate operations within the system, e.g. forecast demand of aggregated consumers.

### Tampering

MDM allows Utilities to comprehensively control energy flows across all the distribution network, supporting energy balancing as the main mechanism to search for losses and abnormal usages, analyzing customer behavior based on historical data and other external variables.

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## Main Features

### Flexibility

MDM meets any measurement-related business need, being able to perform a wide variety of calculation algorithms, as well as managing different market billing models. MDM supports and manages different measurement interval data.

### Reliability

MDM is a proven high reliability platform with implementations in different geographies, constantly enriched by customers' feedback and new business needs. Its architecture allows access from any location.

### Scalability

Great scalability that allows Utilities to store, manage and export data with both proprietary and external platforms. MDM offers a non-intrusive configuration as the only requirement for users is to have a web browser (Chrome, Firefox, Edge or Explorer) on the computer.

### Auditability

MDM saves all data in a central repository allowing Utilities to monitor and audit such information, so enabling status and documentation monitoring of every asset in the system. MDM ensures traceability of any user or system action, to achieve a faster solution of incidents and to carry out market best practices.

### Automation

Every action executed on MDM can be scheduled in order to minimize users' intervention.

## Relevant KPIs



**% Valid vs. Invalid Measures**



**% Estimated measures per billing period**



**% Closed vs. Open incidents**



**Incidents average resolution time**



**% Real source vs. calculated BTV measures**



**Positive Irregular consumption candidates**



**Monthly consumption increase**



**Average Technical Losses by facility**